



MANUAL PART NUMBER: 400-0111-002
PRODUCT REVISION: 1

CNK100

CABLE-NOOK™
INTERCONNECT BOX
USER'S GUIDE

INTRODUCTION

Your purchase of the **CNK100** Cable-Nook™ Interconnect Box is greatly appreciated. We are sure you will find it reliable and simple to use.

Superior performance for the right price, backed by solid technical and customer support is what ALTINEX has to offer.

The product you are holding in your hands is designed using state-of-the-art technology and is superior to anything available on the market. You will find this and our other products reliable, long lasting, and simple to operate.

We are committed to providing our customers with signal management solutions to the most demanding audio-visual installations at very competitive pricing.

We appreciate your selection of our products and are confident that you will join the ranks of our many satisfied customers throughout the world.

This manual covers:

CNK100 – Cable-Nook™ Interconnect Box

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PRECAUTIONS / SAFETY WARNINGS 1

Please read this manual carefully before using your **CNK100** Cable-Nook™ Interconnect Box. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your **CNK100** and to prevent fire and shock hazard. Please read them carefully and heed all warnings.

1.1 GENERAL

- Unauthorized personnel shall not open the unit since there are high-voltage components inside.
- Qualified ALTINEX service personnel, or their authorized representatives must perform all service.

1.2 INSTALLATION

- For best results, place the **CNK100** Cable-Nook™ Interconnect Box in a dry area away from dust and moisture.
- To prevent fire or shock, do not expose this unit to rain or moisture. Do not place the **CNK100** Cable-Nook™ Interconnect Box in direct sunlight, near heaters or heat radiating appliances, or near any liquid. Exposure to direct sunlight, smoke, or steam can harm internal components.
- Handle the **CNK100** Cable-Nook™ Interconnect Box carefully. Dropping or jarring can damage internal components.
- Never place fingers inside the openings in the back of the unit. This action could cause serious injury because of the sharp edges inside of the **CNK100**.
- Do not place heavy objects on top of the **CNK100**. Do not use excessive force to push down on the top of the unit.
- We recommend using wall outlets with a Ground Fault Circuit Interrupter (GFCI) for maximum protection.
- Install all cables according to the instructions.

1.3 CLEANING

- Surfaces should be cleaned with a dry cloth. Never use strong detergents or solvents, such as alcohol or thinner. Do not use a wet cloth or water to clean the unit.

1.4 FCC / CE NOTICE

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- Any changes or modifications to the unit not expressly approved by ALTINEX, Inc. could void the user's authority to operate the equipment.

ABOUT YOUR CNK100 2

The **CNK100** is designed for installation into a conference room or boardroom table. The **CNK100** Cable-Nook™ Interconnect Box provides a means of connecting audio, video, and other media sources into a presentation system. It is ideal for use with ALTINEX computer video interfaces or distribution amplifiers.

The **CNK100** Cable-Nook™ Interconnect Box provides a simple yet effective way of storing and hiding cables eliminating the obstruction. The cables can remain connected to a presentation system, enabling the user to connect them to different media sources needed for a presentation. After the presentation, the cables may be returned to the **CNK100** for safe storage.

The **CNK100** Cable-Nook™ Interconnect Box is designed for use with tables ranging from one to three inches thick. It offers an adjustable retaining bracket to secure the cable ends. The bracket can be adjusted to fit a wide variety of cable sizes. The height of the bracket shelf can be adjusted for different depths. The **CNK100** comes in a standard matte black color. The top of the unit can be finished to match the table. This is available on a custom per order basis at an additional charge.

The **CNK100** also provides two AC power sockets internally, making it easier to power a laptop or other device.

TECHNICAL SPECIFICATIONS 3

FEATURES/DESCRIPTION	CNK100 (custom)
Mechanical	
Width (inches)	6.030in (153mm)
Height (inches)	8.230in (209mm)
Finish	Matte Black
Operation	
T° Operating	10°C-35°C
T° Maximum	50°C
Humidity	90% non-condensing

CNK100 DIMENSIONS 4

Diagrams: 1A, 1B, 1C, & 1D

SIDE VIEW
(Open position)

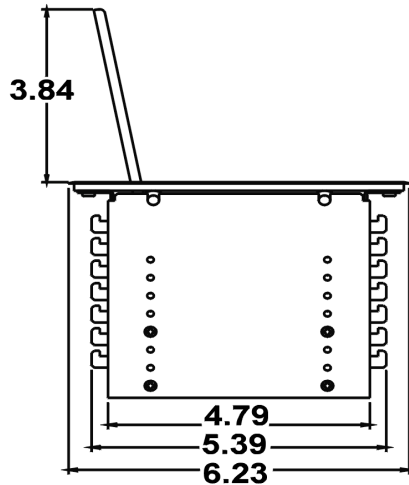


Diagram 1A

TOP VIEW
(Cover removed)

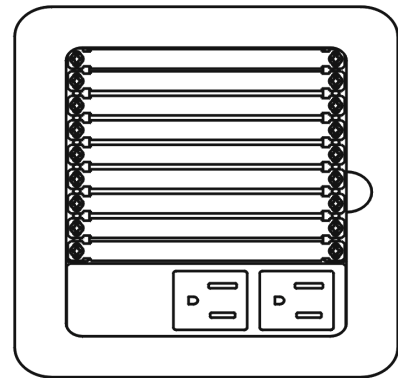


Diagram 1B

SIDE VIEW
(Closed position)

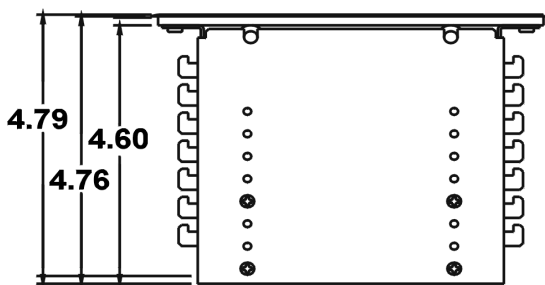


Diagram 1C

TOP VIEW
(Closed cover)

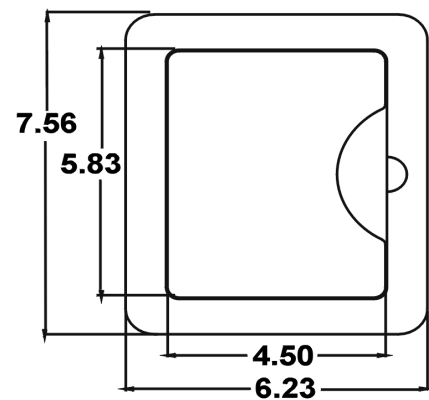
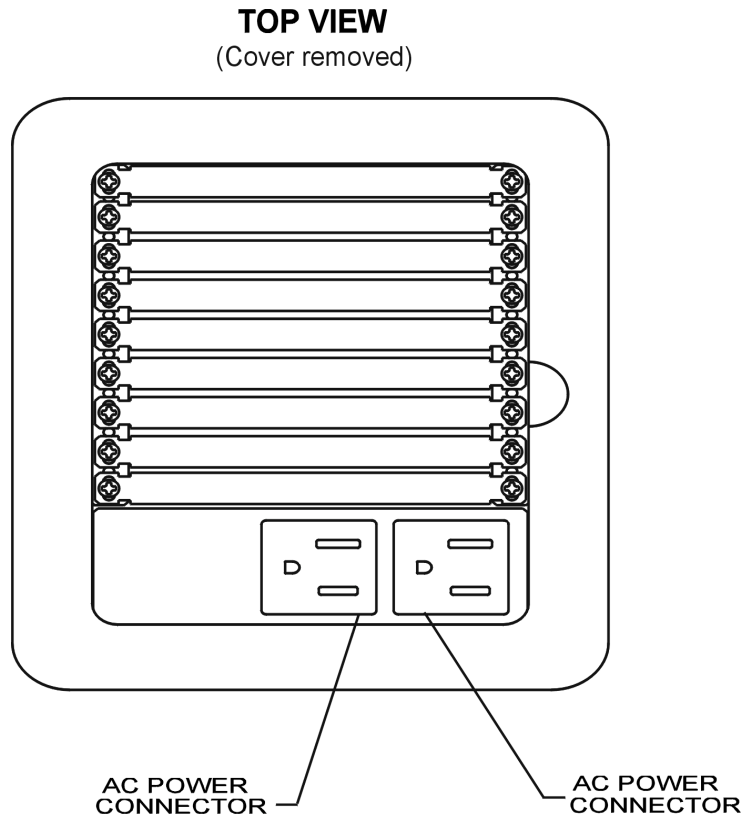


Diagram 1D

Diagram 2: Label of Product



APPLICATION DIAGRAM 5

Diagram 3: Application

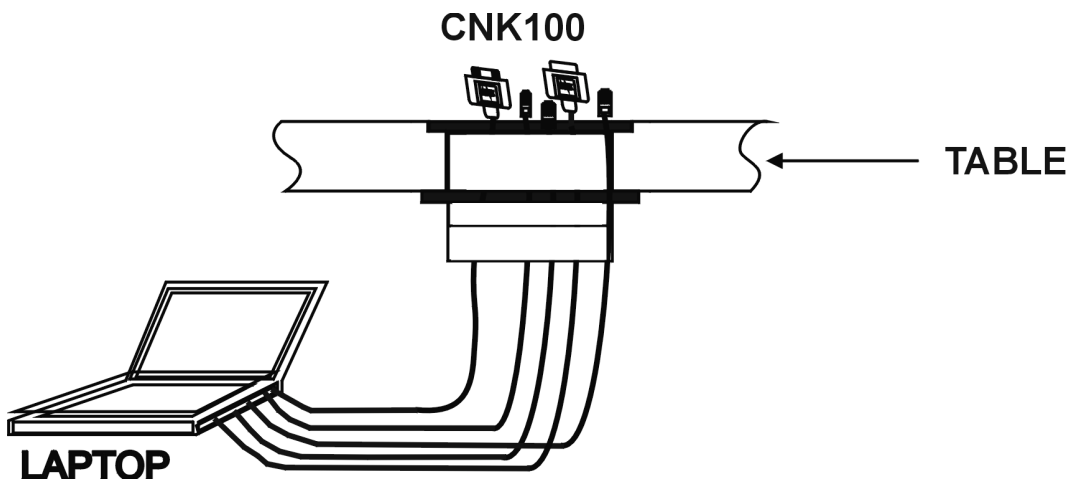
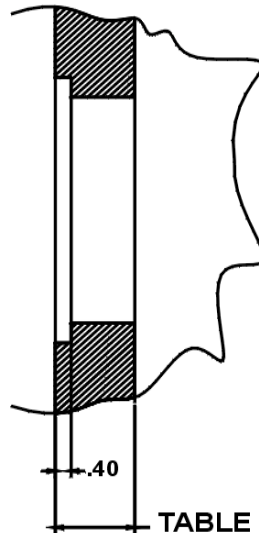
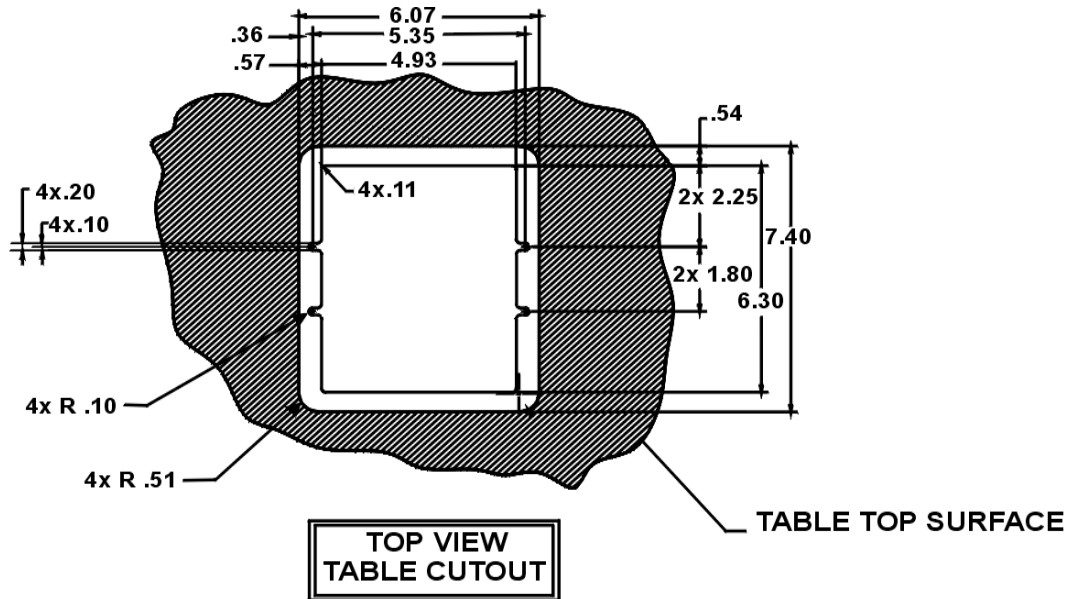


Diagram 4: Table Cutout Requirements



TOLERANCE: $\pm .03$

TABLE THICKNESS APPROX. 1.00 MIN TO 3.00 MAX

NOTE: Specifications subject to change without notice. Always confirm measurements before cutting to insure that specifications have not changed. Always make sure to orient cutout in direction necessary for proper operation of the installed unit.

INSTALLATION 6

Step 1. Cut an opening into the table's surface. Refer to diagram 4 on page 6 of the manual for table cutout requirements. Note: The table can be 3 inches or thinner in thickness. Always confirm dimensions before cutting to insure that specifications have not changed.

Step 2. Insert the **CNK100** into the table. Secure the **CNK100** with the provided retaining clips on the bottom of the table. (See figure 1). The **CNK100** remains flush or at exactly the same level as the tabletop when not in use.

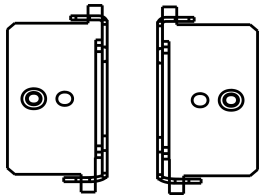


Figure 1: Retaining Clips

Step 3. Place the bracket shelf inside of the **CNK100** housing. The height of the bracket shelf can be adjusted for different depths. (See figure 2)

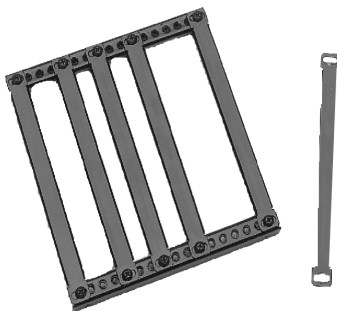


Figure 2: Bracket Shelf

Step 4. Secure the cables by using the provided cable clamps. (See figure 3)

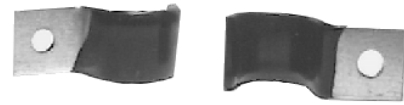


Figure 3: Cable Clamps

Step 5. Connect the appropriate cables with the correct input connectors of the media sources (video, audio, etc.) being used. The **CNK100** may be custom modified to fit your connector needs. (See figure 4)

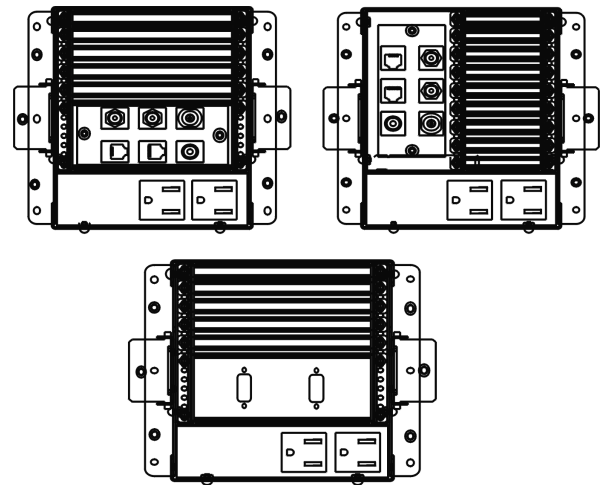


Figure 4: Custom Modifications

For more information, please refer to the FAQ Section or the Troubleshooting Guide.

OPERATION 7

There are no adjustments necessary to operate the **CNK100**, the unit will operate successfully as long as cables are attached properly and other technical specifications are followed.

CABLES AND ACCESSORIES 8

Model No.	Description
	VGA MALE TO MALE (HD-15) HIGH RESOLUTION CABLE
CB37xxMR	xx = available length of 3ft, 6ft, 15ft, 25ft, 50ft, 75ft, 100ft, 150ft
	VGA MALE TO FEMALE (HD-15) HIGH RESOLUTION CABLE
CB39xxMR	xx = available length of 3ft, 6ft, 15ft, 25ft, 50ft, 75ft, 100ft, 150ft, 200ft, 250ft
	SUPER HIGH RESOLUTION PLENUM-FLEX MULTI-CHANNEL COAX CABLE VGA MALE TO VGA MALE (HD-15)
CB5000PL-5VMxxxVM	xxx = available length of 3ft, 6ft, 15ft, 25ft, 50ft, 75ft, 100ft, 150ft, 200ft, 250ft
	SUPER HIGH RESOLUTION PLENUM-FLEX MULTI-CHANNEL COAX CABLE VGA MALE TO VGA FEMALE (HD-15)
CB5000PL-5VMxxxVF	xxx = available length of 3ft, 6ft, 15ft, 25ft, 50ft, 75ft, 100ft, 150ft, 200ft, 250ft
	POWER CABLES
PC5301US	Power Cable for US
PC5302UK	Power Cable for UK
PC5303AU	Power Cable Australia

TROUBLESHOOTING GUIDE 9

The **CNK100** supplied unit was carefully tested and no problems were detected; however, we would like to offer these suggestions.

- Please make sure that the highest quality video, audio, and any other cables or connectors are used.
- Make sure that cables have not been damaged or pinched. If there is damage to the cables, then do not use the **CNK100** unit. Immediately contact the ALTINEX Customer Service Department to have the unit repaired.

ALTINEX POLICY 10

10.1 LIMITED WARRANTY

ALTINEX warrants that its products and cables are free from defects in materials under normal use and service. This warranty is limited to repairing at company's factory any part or parts of the product that shall within 2 years (90 days for cables) from date of shipment to the purchaser be returned to company with transportation charges pre-paid. The company's examination shall disclose product(s) to be thus defective. The warranty is expressly instead of all other warranties expressed or implied. ALTINEX neither assumes nor authorizes any other person to assume for it any other liability concerning the sale of the products. This warranty shall not apply to any product that shall have been repaired or altered outside of company's factory in any way so as, in its judgment, to affect its stability or reliability, or that has been subject to misuse, negligence or accident.

10.2 RETURN POLICY

It is very important to ALTINEX that you receive all products that you have ordered and that this product fulfills your needs. In the unlikely event, that an ALTINEX product needs to be returned please follow the policies below:

ALTINEX will accept all product returns for a period of 30 days from authorized ALTINEX dealers.

Products must be returned in an unopened package.

If a product has been opened, the restocking fees will apply. For the restocking fee, please contact an ALTINEX Sales Representative.

If the product is in your possession for more than 30 days, the restocking fees will apply.

ALTINEX will not accept any returns on cables or custom products.

If your product is in warranty and needs service, contact the ALTINEX Sales Department for an RMA (Return Material Authorization). Products returned without an RMA number may experience a delay in service.

If your product is out of warranty and needs service, contact the ALTINEX Sales Department for an RMA (Return Material Authorization). Products returned without an RMA number may experience a delay in service. The service charges will be quoted to you before the actual repairs are done.

10.3 CONTACT INFORMATION

Sales Department

Phone: 714-990-2300

Fax: 714-990-3303